

I-29/62

The Effect of Ultrasound on Yeasts, by R. S.
Katsnel'son, M. A. Khenokh, (DC-6928)

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1951, pp 133-135.

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Sci - Biol
12 Jul 62

V
On the Problem of Linear Conjugates in Analytic ~~Function~~
Function Theory, by B. V. Kvedelidze, 5 pp.

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Sci Tr Center
RT-1093

MDF K-181

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Scientific - Mathematics

The Surface Photoelectric Effect of Ferromagnetic Substances, by S. V. Vonsovskiy, A. V. Sokolov.

Full translation.

RUSSIAN, no per, Dok Ak Nauk SSSR, Vol. ~~158~~, No 1, USSR, ~~1952~~, pp 39-42.

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197-200

EXX AEC Tr 1510

AT-922

Scientific - Physics, photoelectric, ferromagnetic

AT-70134

NTC 69-11412-202

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Taking Into Account the Internal Elastic Strains,
by G. I. D'yakov.

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No 2, 1951, pp 201-204.

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Tr RJ-604

\$5.65

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Sci - Physics
Sep 57

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IVLEV, V. F.

Method of Investigating Irreversible Magnetic
Rotation Jumps.

RUSSIAN, Dok Ak Nauk SSSR, Vol LXXVI, No 2, 1951,
pp 205 - 208.

AEC Tr 578

Concerning Methods for Investigating Distribution
Functions of Velocities of Electrons in a Gaseous
Discharge, by Yu M. Kagan, V. L. Federov, G. M.
Malyshov, L. A. Gavallas, 4 pp.

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pp 215-17.

AEC Tr 2558

Sci - Physics, Electronics
Nov 56 ~~EXX~~ CTS

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SLA P-3042

Activation Energy of the Hydration of Metaphosphoric
Acids in Alkaline Solutions, by I. A. Paul'sen,
3 pp.

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pp 221 222.

SLA R-2862

Sci

Jul 59

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Certain Characteristics of Vegetative Hybridisation of Cereals by the Embryo Transplantation Method, by G. F. Nikitenko, 5 pp.

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Sci Tr Center RT-2127

Scientific - Biology
Apr 55 GTS

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Reproduction of Fungus in Fruit Trees With the
Addition of Chemical Preparations, by M. V. Iokhida,
M. N. Kravtsov.

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pp 295-297. 511 244A

USDA Trans 254

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Economic - Agriculture, growth substances
Scientific - Biology, growth substances

Carbohydrate Exchange in Cancer Tumor in Potatoes
by A. I. Grechushnikov, N. N. Yakovleva, 6 pp.

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No 2, 1951, 303-304.

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Sci Tr Ctr RP-3845

Sci - Biology
Aug 56 CTS/dex

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(DC-6928)

REACTION OF PARAMECIA TO CERTAIN ORGANIC
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SOUND AND ULTRAVIOLET LIGHT, BY L. K.
LOZINA-LOZINSKIY, M. A. KHENOKH, 6 PP.

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NO 2, 1951, PP 317-320.

JPRS 14675

SCI - PHYS

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DAN SSSR, Vol LXXVI, No. 2, Jan 1951, pp 321-324.

S. A. Sheynis, "The Ability of Red Blood Corpuscles to
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Pray # 86 46

SR 12/6/51

L. M. Bl.

On Linear Singular Integral Equations With Elastic
Kernel of Cauchy Type, by B. V. Ivedelidse.

RUSSIAN, per, Dok Ak Nauk USSR, Vol. LXXVI, No 3,
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Morrin D. Friedman K-177

Sci - Physics
Mar 59

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Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVI, No 3, 1951, pp 355-358.

AEC Tr 1485

Mathematica
Scientific - ~~English~~, hypothesis, *samples*

Jan 53 CTS/DEX

Observations of the Solar Corona Between Helipses in
6374.5 Å and of the Prominences in 6562.8 Å, by N. N.
Gnevysheva, R. S. Gnevysheva, 2 pp.

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1951, pp 375-376.

AFIC F-ES-9618/V

Sci Astron
Mar 59

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KUDELYA, E.S.

DOK. AK. NAUK, SSSR, Vol 76, No 3, 1951, pp 395-397

Technique for Spectroscopic Analysis of Welded Joints.

Brutcher Trans No. 2708, \$2.40

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Doklady Ak Nauk SSSR Nov Ser Vol LXXVI No 3 pp 415-18

Concerning High Molecular Polymerization of Isobutylene
(Synthetic Fuel) by Academician A. V. Topchiyev,
Ya. M. Paushkin and T. E. Lipatova,

QMT-169 Army Tech. Services and completed

1951

Doklady Ak Nauk SSSR Nov Ser Vol LXXVI No 3 pp
419-22

Investigation of Structures in Suspensions of Carbon
Black (Concerning Paints, Lacquers and Rubber Cements.
Structures of Particles of Carbon Black in Rubber Mix-
tures. Form and Size of Particles of Carbon Black)

QMT-170 Army Tech Services Completed

Phenomena of the Overheating of Liquid
Inclusions in Minerals, by S. A. Tchaikovskiy,
7 pp.

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SLA R-1200

May 58

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L. N. Khitrin, 6 pp.

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pp 475-478, 1951.

Morris D. Friedman K-161

Sci - Chem
Aug 58

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Inhibition and Activation of Cracking on Carbon
and Alumosilicates, by Ya. M. Paushkin, Yu. S.
Lipatov.

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1951.

Dept of Interior
Tr No ~~23~~ 1784

Sci

Jan 63

Piskunov, N.S.
OPLOSSING VAN EEN RANDOPGAVE VAN EEN NIET-
LINEAIRE PARABOLISCHE VERGELIJKING VOOR DE
BEWEGING VAN VLOEISTOFFEN EN GASSEN IN EEN
POREUS MEDIUM (Solution of a boundary problem
for a non-linear parabolic equation of motion of
liquids and gases in a porous medium). 7 p. 4 refs.
MTWL: 458 (Text in Dutch).
Order from OTS or ETC \$1.55

61-17037

Trans. of Akademiya Nauk SSSR. Doklady, 1951,
v. 76, no. 4, p. 505-508.

DESCRIPTORS: *Gas flow, *Fluid flow, Porous
materials, Non-linear differential-equations.

61-17037

- I. Piskunov, N.S.
- II. MTWL-458
- III. Stichting Moeilijk
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pelijke Literatuur.

Office of Technical Services

Automatic Mass Rediator, by V. K. Arkad'ev, I. M.
Gunskey, 3 pp.

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1951, pp 513-514.

SLA R-3089

Sci

Jul 59

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TT-64-12709

Shnitnikov, A. V.

SUBSEULAR FLUCTUATIONS OF THE LEVEL OF
LAKES IN WESTERN SIBERIA AND NORTHERN
KAZAKHSTAN, AND THEIR RELATIONSHIP WITH
CLIMATIC FLUCTUATIONS

E. R. Hope, tr. Jan 64 [6p] Iref
DSIS-T-399-R.

Order from NRC

NRC-C-4746

Trans. of Akad[emiya] Nauk SSSR. Dok[ady] 1951,
v. 76, no. 4, p. 523-526.

DESCRIPTORS: *Lakes, Water, Volume, Oscillation,
Climatology. *Hydrology.

(Earth Sciences, TT, v. 11, no. 9)

- I. Shnitnikov, A. V.
- II. DSIS-T-399-R
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Ottawa (Canada)

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Hydrogenation and Dehydrogenation of Hydrocarbons
in the Presence of Cobalt Catalysts With Low Metal
Content, by Kh. M. Minachev, et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVI, No 4,
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Poisoning of Hydrogenation-Dehydrogenation Catalysts
in the Light of the ~~SSR~~ Chemical Theory of the Nature
of Their Active Structure, by L. Kh. Freydlin, N. I.
Ziminova,

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVI,
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Assoc Tech Sv
RJ-391.

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\$6.15

Sci - Chemistry

Aug 1956

Katchenkov, S.M.
DE OORSPRONG VAN ASVORMENDE BESTANDELEN
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leum). 7 p. 7 refs. MTWL: 460 (Text in Dutch).
Order from OTS or ETC \$1.55 61-17039

Trans. of Akademiya Nauk SSSR. Doklady, 1951,
v. 76, no. 4, p. 563-566.

DESCRIPTORS: *Petroleum, Chemical elements,
*Combustion.

61-17039

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- II. MTWL-460
- III. Stichting Moelijk
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Change in the Latex Composition of Kok-Saghyz Roots in
Relation to Mineral Fertilizers, by P. M. Baranovskii.

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pp 583-586. ~~FILE 14401A~~

USDA Trans 313

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Economic - Agriculture, mineral
Scientific - Biology, mineral, fertilizers

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Mechanism of Ionization and Thermal Dependence of
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Sci Mus Lib Of London
Tr No 52/0742

Scientific - Chemistry or Physics
CRS/DEX

8382

V
Temperature "Hysteresis" of Electric Conductivity
of Solid Dielectrics With Relaxation Polarization,
by G. I. Sklavvi, A. I. Demeshina, A. G. Chre-
lashvili,

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1951, pp 673-676.

SLA R-1639 Nat Res Lib TT-570
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INSDOC TR 2112 32,694
Scientific - Electric, physics 32827

Luminance Distribution in Strongly Scattering
Media, by V. A. Timofeeva, 8 pp.

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LXXVI, No 5, 1951, pp 677-680.

CIA/FDD/X-1178

Scientific - Geophysics
CIS/DEX

8510

Preparation of Hydrocarbons from Organ-magnesium
Compounds by the Action of Hexachloroethane, by V. V.
Korshak, T. D. Kazarenko, 7 p.

RUSSIAN, *ibid.*, Dok Ak Nauk SSSR, Vol LXXVI, 1951,
pp 685-687.

SLA R-2780

Sci

Jul 59

92,366

Features of the Change in the Crystalline
Structure of a Metal Deformed in Surface-
Active Media, by V. N. Rozhanskiy, T. A.
Amfiteatrova, R. P. A. Rebinder,

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
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Sci Mus Lib
No 54/3607

Scientific - Min/Metals

Mar 55 CTS

Potentiometric Study of the Reaction of Gelatin With
Tanning Materials, by A. Pasyanskiy, A. Popova, 8 pp.

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Scientific - Chemistry
CFE/DEX

8501

On the Pecundity and Growth Rate of Certain Marine
Invertebrates, by V. V. Kuznetsov, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVI,
No 5, 1951, pp 743-745.

Sci Trans Center RT-3252

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Sci - Biology

Mar 56

Some Questions on the Biology of the Tachinid
Sturmia Inconspicua Meig. (Diptera, Larvivoridae)
and Its Economic Importance, by B. V. Ryvkin,
3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
LXXVI, No 5, 1951, pp 755-758.

Sci Trans ⁴ Center ⁶ RT-614

Scientific - Biology
CTS/DEX

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On a Theory of the Elementary Excitations in a
Slightly Non-ideal Electron Gas in Crystals, by V. L.
Bonch-Bruевич, and S. V. Tyablikov.

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No 6, 1951, pp 817-819.

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Scientific - Physics

Search for Radiogenic Krypton, by Gerling, E.K.
and N. V. Baranovskaya, 3 pp.

RUSSIAN, Dok Ak Nauk SSSR Vol 76, No 6,
pp 825-826, 1971

Sci Museum No 51/2626
SLA 61-17467

Scientific

Catalytic Hydrogenation of Esters of Aldonic
Acids in the Presence of Aromatic Amines, by
V. M. Berezovskiy, V. A. Kurdyukova, 8 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR,
Vol LXXVI, No 6, 1951, pp 839-842.

Sci Tr Center
RT-3639

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Sci - Chemistry

Aug 1956

Brodskit, A.I., Chervyatsova, L.L., and
Miklukhin, G.P.
OVER DE MOGELIJKHEID VAN TAUTOMERIE VAN
TOLUEEN (Possibility of tautomerism of toluene).
7 p. 9 refs. MTWL: 441 (Text in Dutch).
Order from OTS or ETC \$1.55 61-17046

Trans. of Akademiya Nauk SSSR. Doklady, 1951,
v. 76, no. 6, p. 843-845.

DESCRIPTORS: *Toluenes, Molecular isomerism.

61-17046

I. Brodskit, A.I.
II. Chervyatsova, L.L.
III. Miklukhin, G.P.
IV. MTWL-441
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Toegankelijke Wetenschap-
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Office of Technical Services

Investigation of the Structure of Adsorbents by
Independent Methods, by N. N. Avgul & Others, ~~USSR~~.

RUSSIAN, per, Dok.Akad.Nauk SSSR, Vol LXXVI, No 6,
1951, pp 855-858.

Insdoc T.708

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Scientific - Chemistry

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Nov 55
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Indian Nat.Sci. Documentation Ct
Nat. Physical Lab of India,
Hillsida Rd, New Delhi-12

Phase Transitions of the Second Order and the Ehrenfest
Equation, by V. A. Sokolov

Full Translation

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pp 883-886.

AEC Tr 1130

Sci - Math

Feb 52 CTS

The Calculation of the Intensity of the Diffuse
Scattering of X-Rays for Ageing Alloys, by Yu. A.
Bagarlatskiy,

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No 1, 1951, pp 45-48.

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Scientific - Physics
CTS/DEX

F. R. I. June 19

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Nature of "Viscous" Breakdown by V. A. Pavlov,
M. V. Yalutovich, 4 pp. URRL

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVII, No 1,
1951, pp 49-51. 9660859

ATTC MEL-531/III

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Col - Min/Met

Apr 61

EG-40347 - item 15

147,889

Molten Systems Na_2CO_3 @ K_2CO_3 - BaTiO_3 and BaCl_2 -
 BaTiO_3 , by I. N. Balyayev, M. L. Sholochovnu.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol LXXVII,
No 1, 1951, pp 51-52.

AEC Tr 557

Scientific - Chemistry

Also DSI T-232

Aug 51 CTS

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The Nature of Red Phosphorus, by M. Ya. Kraft, V. P. Parini, 10 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. LXXVII, No 1, 1951, pp 57-60.

Sci Tr Center
RI-4143

Sci - Chemistry

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Color Reactions With Sulfates, Selenates, Phosphates,
and Tungstates, by V. I. Kuznetsov, 9 pp.

Full translation.

RUSSIAN, per Dok Ak Nauk SSSR, Vol LXXVII, No 1,
1951, pp 61-65.

CIA/TDD/X-973

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Scientific - Chemistry

CIS/DEX

3829

Ozonides of Sodium, Rubidium and Cesium, by
G. P. Nikol'skiy, Z. A. Bagdasaryan, I. A.
Kazarnovskiy, 9 pp.

RUSSIAN, Per, Dok Ak Nauk SSSR, 1951, Vol LXXVII,
No 1, pp 69-72.

SLA 59-15504

Sci
Oct 59
Vol 2, No 3

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Hybrid Orbitals for Coordination Numbers 7 and 9,
by M. G. Shirmazan, M. E. Diyatkina, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol LXXVII, No 1, 1951, pp 75-76.

Sci Trans Center
RT-3741

Scientific - Mathematics

36,264

Jul 56 CTS/dex

<p>Smirnov, Yu. A NECESSARY AND SUFFICIENT CONDITION FOR THE METRICIZATION OF A TOPOLOGICAL SPACE (Neobkhodimoe i Dostatochnoe Usloviye Metrizuemoi Topologicheskogo Prostranstva). Feb 64 [9p] 5 refs Order from OTS \$0.50 NASA TT F-192</p> <p>Trans. of Akademiya Nauk SSSR, Doklady, 1951, v. 77, no. 2, p. 197-200.</p> <p>DESCRIPTORS: *Topology.</p> <p>The author submits a new solution of the general metricization problem, free of defects ascribed to previous solutions. (NASA)</p> <p>(Mathematics, TT, v. 11, no. 7)</p>	<p>TT-64-11567</p> <p>I. Title: Metricization (Mathematics) 1. Smirnov, Yu. II. NASA-TT-F-192 III. National Aeronautics and Space Administration, Washington, D. C. IV. Faraday Translations, New York</p> <p>Office of Technical Services</p>
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On the Physico-Chemistry of Binary Systems With
Volatile Components, by I. A. Ostrovskii, 11 pp.

RUSSIAN, per, Doklady Akad. Nauk SSSR, No 4, Jul-
Aug 1951, pp 76-80.

SIA TR R-1201

Sci

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Determination of the Geologic Age of Two Stoney
Meteorites by the Argon Method, by E. K.
Gerlink, T. G. Pavlova, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol LXXVII, 1951, p 85.- 88

Morris D. Friedman G-111
\$3.50

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Scientific - Physics

CTS 65/Feb 55

21325

Problem of the Origin of the Marine
Deposits of Manganese, by B. P. Erolov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVII,
1971, pp 893-95.

CSIRO

Sci - Biol
Num 62

199, 632

On Intra- and Inter-Species Antagonism Among Micro-organisms, by H. A. Krasil'nikov.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVII, 1 Mar 1951,
pp 117-119. 511 P444A

USDA Tr

USSR

Jul 53 CTS/DEX

Scientific - Biology

3419

Effect of Radiant Energy on the Gonadotropic Factor
of the Anterior Lobe of the Hypophysis, by
L. A. Kashchenko, UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVII, 1951,
pp 157-160.

Assoc Tech Ser,
RJ-174
Price: \$6.60 (\$85)

Scientific - Medicine

18,103

A Necessary And Sufficient Condition For The Metricization of
a Topological Space, by Yu. Smirnov, 7 pp.
RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol LXXVII, No 2,
1951, pp 197-200. 9219383

NASA-TT F-192

Sci - Aero, Earth Sci & Astron
Mar 64

250, 913

NLL Ref: 8731.9 1964 (192)
(LOAN COPY)

(FDD 27159)

Waves in a Plane Horn, by B. L. Rozhdestvenskiy,
7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol LXXVII, No 2, Moscow, 1951, pp 221-224.

CIA/FDD U-8137

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Sci - Electronics Physics
Apr 56

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X-rays in the Reaction $Be^9(\alpha,n)C^{12}$, by K. P.
Astasov, and N. A. Vinsov, 3 pp.

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RUSSIAN, Dok Ak Nauk SSSR, no 77(2), pp 225-7. 1951

Sci Museum No 51/2318

SLA 61-17462

Scientific - Physics

Experiment in Electrophotometry of the Solar
Spectrum, by V. B. Nikonov, A. B. Severniy, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIII, No 2,
1951, pp 217-220. *328 1476*

ATTC F-TS-9619/V

Sci - Astron
Mar 59

82, 946

Gamma Radiation of Cobalt 60, by B. S. Dzhelepov,
N. Zhukovskiy, Yu. Khol'nov, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVII,
No 2, 1951, pp 233-236.

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Sci - Chemistry

44,028

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No. 200
C-2187

61-18798

Zhuze, V. P. and Ryvkin, S. M.
THE "EXCITON" CHARACTER OF ABSORPTION OF
LIGHT AND THE IMPURITY PHOTOCONDUCTIVITY
(Zksitonnyi Kharakter Pogloshcheniya Sveta i
Primesnaya Fotoprovodimost'). [1961] [8]p. (foreign
text included) 11 refs.
Order from OTS or SLA \$1.10 61-18798

Trans. of Akademiya Nauk SSSR. (Doklady), 1951,
v. 77, no. 2, p. 241-244.

DESCRIPTORS: *Light, Absorption, Impurities,
*Copper compounds, *Oxides, *Photoconductivity,
Excitation.

(Physics--Optics, TT, v. 7, no. 1)

I. Title: Exciton
I. Zhuze, V. P.
II. Ryvkin, S. M.

Office of Technical Services

DAN

Vol 77, #2, pp 249-252 (1954)

Formation of Radiation Fogs
A. G. Amelin

Registry #6533

JD Ser. # 843526

copy in library

Sci - Physics

JD Ser. # 843526

X-Ray Data on the Ageing of the Alloy Al Cu, by Yu. A.
Dagariatskiy,

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol LXXVII,
No 2, 1951, pp ~~260~~ 261-264.

Fulmer Research Institute No 18

Scientific - Physics

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On the Choice of Optimal Parameters of Automatic
Regulation and Following Systems, by V. S.
Kulebakin, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR
Vol LXXVII, 1951, p 265-267

Morris D. Friedman *K-156*
\$1.50

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Scientific - Physics

CTS 65/Feb 55

21, 311

Complex Compounds of Platinum With Allylamine,
by A. D. Gelman, L. H. Essen.

Full translation.

RUSSIAN, per, Dok Akad Nauk, ^{Vol.} No 77, 1951,
pp 273-275.

273

AEC Tt 1212

Scientific - Chemistry

Cl^- , Br^- and I^- Color Reactions, by V. I. Kuznetsov,
6 pp.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVII, No 2, 1951,
pp 281-284.

CIA/FDD/X-971

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Scientific - Chemistry

CIS/DEK

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A New Highly Specific Spot Test for the Detection of
Aluminum, by L. H. Kul'berg, I. S. Mustafin.

Full translation.

RUSSIAN, per, Dok Akad. Nauk SSSR, Vol LXXVII,
No 2, 1951, pp 285-288.

AEC Tr 1254

Scientific - Chemistry 5000 2497

VLL RTS 2659

The Boron-Chlorine Coefficient in Oil Field Waters
by T. I. Kazmina,

RUSSIAN, par, Dok Ak Nauk SSSR, Vol LXXVII, No 2,
1951, pp 301-303.

AMS 83-1035
AMS 96110R

Dept of Int
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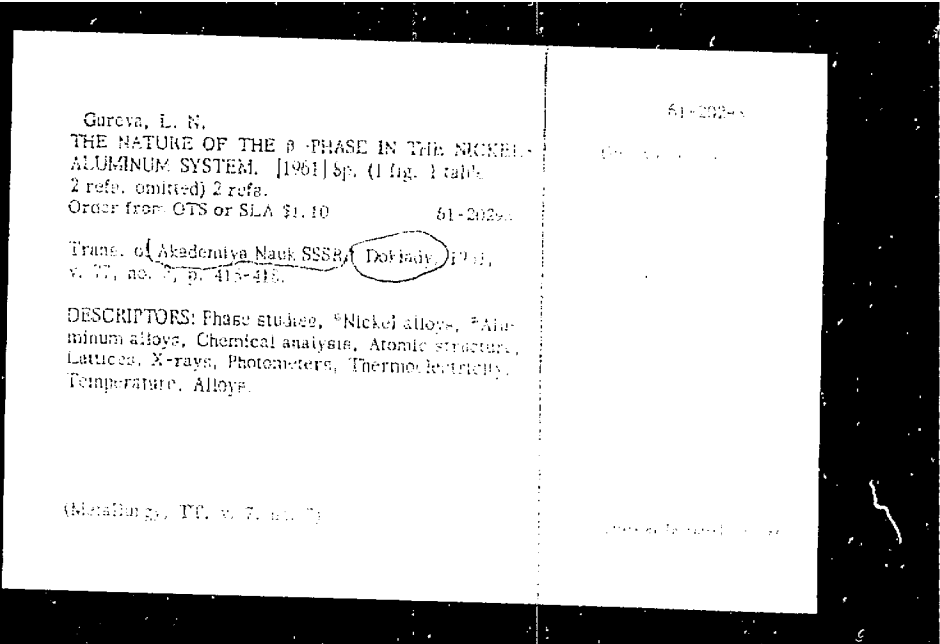
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DESCRIPTORS: Phase studies, *Nickel alloys, *Alu-
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Temperature, Alloys.

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DESCRIPTORS: *Earth, *Astrophysics, *Meteorites, Theory, *Solar systems

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